

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: M&N-IT-458 Appl. No.: Applicant: HARALD BÖTTNER ET AL. Filing Date: June 27, 2003 Group Art Unit:			
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
CL	A	5,885,345	3/23/99	Sakuragi	—	—	
CL	B	5,959,341	9/28/99	Tsuno et al.	—	—	
	C						
	D						
	E						
	F						
	G						
	H						
	I						
FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
CL	J	807,619	1/21/59	U.K.	—	—	
CL	K	198 45 104 A1	4/6/00	Germany	—	—	
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
CL		Magri, P. et al.: "Synthesis, Properties and Performances of Electrodeposited Bismuth Telluride Films", J. Mater. Chem. 1996, pp. 773-779					
CL		Fleural, J.P. et al.: "Development of Thick-Film Thermoelectric Microcoolers Using Electrochemical Deposition", Mat. Res. Soc. Symp. Proc., Materials Research Society, Vol. 545, 1999, pp. 493-500					
EXAMINER <i>calvinda</i>				DATE CONSIDERED <i>5/29/04</i>			

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: M&N-IT-458 Appl. No.: Applicant: HARALD BÖTTNER ET AL. Filing Date: June 27, 2003 Group Art Unit:			
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
CL		Böttner, H. et al.: "New Thermoelectric Components Using Mirco-System-Technologies", Thermoelectric Materials, Proceedings 6 th Workshop European Thermoelectric Society, Freiburg, 2001, 6 pages					
CL		Venkatasubramanian, R. et al.: "Thin-Film Thermoelectric Devices with High Room-Temperature Figures of Merit", Nature, Macmillan Magazines Ltd, Vol. 413, October 11, 2001, pp. 597-602					
EXAMINER <i>calvinla</i>				DATE CONSIDERED <i>5/29/04</i>			

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: M&N-IT-458 Appl. No.: Applicant: HARALD BÖTTNER ET AL. Filing Date: June 27, 2003 Group Art Unit:			
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
CL		Nurnus, J. et al.: "Epitaxial Bismuthtelluride Layers Grown on (111) Bariumfluoride Substrates Suitable for MQW-Growth", Proceedings 18 th International Conference on Thermoelectrics, Baltimore, 1999, 4 pages					
CL		Boikov, Y. A. et al.: "Layer by Layer Growth of Bi ₂ Te ₃ Epitaxial Thermoelectric Heterostructures", 16 th International Conference on Thermoelectrics, Dresden, IEEE, August 1997, pp. 89-92					
EXAMINER <i>calombu</i>				DATE CONSIDERED <i>5/29/04</i>			

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: M&N-IT-458 Appl. No.: Applicant: HARALD BÖTTNER ET AL. Filing Date: June 27, 2003 Group Art Unit:			
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
CL		Zou, H. et al.: "Preparation and Characterization of p-Type Sb ₂ Te ₃ and n-Type Bi ₂ Te ₃ Thin Films Grown by Coevaporation", J. Vac. Sci. Technol. A 19 (3), American Vacuum Society, May/June 2001, pp. 899-903					
EXAMINER <i>calvinlee</i>				DATE CONSIDERED <i>5/29/04</i>			